



PATENT
ATTORNEY DOCKET NO.: DIVER1200-3
REC 03 2002

RECEIVED
TECH CENTER 1600/2900
NOV 29 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jay M. Short Art Unit: 1645
Application No.: 09/753,752 Examiner: Unknown
Filed: January 2, 2001
Title: SCREENING METHODS FOR ENZYMES AND ENZYME KITS

Commissioner for Patents
Washington, D.C. 20231

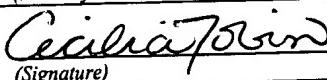
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

#8
M.J.
12/5/02

Sir:

In accordance with 37 C.F.R. § 1.97, enclosed are references relating to the above-identified application. Each item of information contained in the Supplemental Information Disclosure Statement was cited in a communication from a European Foreign Patent office in a counterpart foreign application not more than three months prior to the filing of the Supplemental Information Disclosure Statement. For the convenience of the Examiner, these references are listed on the attached Form PTO-1449 and copies are enclosed herewith.

It is respectfully requested that these references be considered in the examination of this application and their consideration be made of written record in the application file.

CERTIFICATION UNDER 37 CFR §1.8	
I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on this date, November 25, 2002, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231.	
<p style="text-align: center;">Cecilia Tobin (Name of Person Mailing Paper)</p>	
	November 25, 2002 (Date)

PATENT
ATTORNEY DOCKET NO.: DIVER1200-3

Applicant: Jay M. Short
Application No.: 09/753,752
Filed: January 2, 2001
Page 2

No fee is deemed necessary in connection with the filing of this Supplemental Information Disclosure Statement as the items of information contained in this statement were cited in a communication from a European Foreign Patent office in a counterpart foreign application, the communication being dated September 16, 2002, which is not more than three months prior to the filing of this statement. However, if any fee is required, authorization is hereby given to charge the amount of any such fee, or credit any overpayment, to Deposit Account No. 50-1355.

Respectfully submitted,



Lisa A. Haile, J.D., Ph.D.
Registration No.: 38,347
Telephone: (858) 677-1456
Facsimile: (858) 677-1465

USPTO CUSTOMER NUMBER 28213
GRAY CARY WARE & FREIDENRICH LLP
4365 Executive Drive, Suite 1100
San Diego, CA 92121-2133

U.S. Department of Commerce Patent and Trademark Office <i>NOV 29 2002</i>	Docket No.: DIVER1200-3	Application No.: 09/753,752
	Applicants: Jay M. Short	
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date: January 2, 2001	Group Art Unit: 1645 1652

RECEIVED
TECH CENTER 1600/2900
DEC 03 2002

U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>JR</i>	AD	4,675,285	06/23/87	Clark et al	435	6	

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION (YES/NO)
<i>JR</i>	AE	0 606 008 A2	12/24/93	EPA-EPO			
<i>JR</i>	AF	0 687 732 A1	06/02/95	EPA-EPO			
<i>JR</i>	AG	WO 97/20918	06/12/97	PCT			
<i>JR</i>	AH	WO 97/25417	07/17/97	PCT			
<i>JR</i>	AI	WO 97/44361	11/27/97	PCT			
<i>JR</i>	AJ	WO 98/24799	06/11/98	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

<i>JR</i>	AK	Bauer et al., "BETA-MANNOSIDASE," EMBL SEQUENCE DATABASE, (1996-11-01), XP002154626 HEIDELBERG DE Ac Q51733
<i>JR</i>	AL	Bauer et al., "Comparison of a β -Glucosidase and a β -Mannosidase from the Hyperthermophilic Archaeon Pyrococcus furiosus," 271 (39):23749-23755 (1996)
<i>JR</i>	AM	Bauer et al., Pyrococcus furiosus beta-mannosidase (bmna) gene, complete cds., EMBL SEQUENCE DATABASE, (1996-07-02), XP002154625 HEIDELBERG DE Ac U60214

EXAMINER <i>JL</i>	DATE CONSIDERED 12/17/02
-----------------------	-----------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form 1449

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office <i>REC'D OCT 6 2002 19 2002</i>	Docket No.: DIVER1200-3	Application No.: 09/753,752
	Applicants: Jay M. Short	
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date: January 2, 2001	Group Art Unit: 1645 <u>1652</u>

TECH CENTER 1600-2000
DEC 03 2002

<i>JM</i>	AN	Canganell et al., "Characterization of amylolytic and pullulytic enzymes from thermophilic archaea and from a new <i>Fervidobacterium</i> species," <i>Appl. Microbiol Biotechnol</i> 42:239-245 (1994)
<i>JM</i>	AO	Dakhova et al., "CLONING AND EXPRESSION IN <i>Escherichia Coli</i> OF <i>Thermotoga neapolitana</i> GENES CODING FOR ENZYMES OF CARBOHYDRATE SUBSTRATE DEGRADATION," <i>Biochemical and Biophysical Research Communications</i> 194 (3):1359-1364 (1993)
<i>JM</i>	AP	Dakhova et al., "T. neapolitana lamA gene and bg1B gene," <i>EMBL SEQUENCE DATABASE</i> , (1995-12-31), XP-002154623 HEIDELBERG DE Ac Z47974
<i>JM</i>	AQ	Dakhova et al., "Thermotoga neapolitana bg1A gene," <i>EMBL SEQUENCE DATABASE</i> , (1997-07-01), XP-002154622 HEIDELBERG DE Ac Z97212
<i>JM</i>	AR	Gibco-brl, "Systems for Cloning," Life Technologies, Molecular Biology Catalogue and Reference Guide, pages 11-2 and 11-3 (1993-94)
<i>JM</i>	AS	GRÄBNITZ et al., "Structure of the β -glucosidase gene <i>bg1A</i> of <i>Clostridium thermocellum</i> , Sequence analysis reveals a superfamily of cellulases and β -glycosidases including human lactase/phlorizin hydrolase," <i>Eur. J. Biochem.</i> 200 (2):301-309 (1991)
<i>JM</i>	AT	Obayashi Akira, "Synthesis of CDNA and Kit Therefor," <i>Vol. 14 (555)</i> (1990)
<i>JM</i>	AU	Voorhorst et al., "Characterization of the celB Gene Coding for β -Glucosidase from the Hyperthermophilic Archaeon Pyrococcus furiosus and Its Expression and Site-Directed Mutation in <i>Escherichia coli</i> ," <i>Journal of Bacteriology</i> 177 (24):7105-7111 (1995)

EXAMINER 	DATE CONSIDERED <i>12/17/02</i>
---	------------------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form 1449

Gray Cary\GT\6323224.1

104703-44